

A1 The object of the MEDI-THERM II® hypo/hyperthermia machine is to stabilize a patient who is experiencing hypothermia or hyperthermia or, in some instances, to actively cause hypothermia or hyperthermia as therapy. To understand the MEDI-THERM II® device, we will revert to Figure 1 (prior art) which is a flow diagram of how the MEDI-THERM II® device distributes water to and from an Object. The liquid medium enters MEDI-THERM II® device through return inlet 52. From return inlet 52, the liquid medium traverses through a first conduit 30 to a first solenoid valve 32 for cold liquid medium or a second solenoid valve 34 for warm liquid medium.

Please insert the following new paragraphs at page 5, line 26:

A2 Figure 7 illustrates an Object, wherein the Object is a blanket having a plurality of channels and a plurality of apertures for directing the desired medium in the direction of the user.

Figure 8 illustrates an Object, wherein the Object is a mattress.

Figure 9 illustrates an Object, wherein the Object is a mattress pad.

Please substitute the paragraph at page 6, lines 6-14 with the following amended paragraph:

A3 One embodiment of the present invention is illustrated in Figure 3. This embodiment relates to a liquid medium delivery device 10. The exterior of the device 10 has at least one supply outlet 14, a kill switch 444 which can shut down the entire device 10 by conventional interconnections between the various components of device 10, a display/input unit 45, at least one outlet conduit 18, a return conduit 50, a return inlet 52, and an Object 16.

Please insert the following new paragraph at page 11, line 9:

A4 In accordance with the present invention, the Object 16 can be any suitable object, such as a blanket, a mattress, or a mattress pad. Such Objects 16 are shown in Figures

7-9. In particular, Figure 7 shows a blanket 16a having a plurality of channels 602 and a plurality of apertures 604 for directing the desired medium in the direction of the user. Although Figure 7 shows outlet conduit 18 directing the desired medium into the blanket 600, the outlet conduit 18 may be positioned to direct the desired medium under the blanket 600. Referring to Figure 8, the Object 16 may be a mattress 16b. Alternatively, the Object 16 may be a mattress pad 16c, as shown in Figure 9.

AM

Please substitute the paragraph at page 11, lines 9-18 with the following amended paragraph:

In one embodiment of the present invention, the values for the predetermined differential, the pre-set differential, the predetermined-maximum temperature, the Set Point Body Temperature, and the pre-selected differential can be entered into the processing unit 90 through the display/input unit 45 by a user. Alternatively, these values can be pre-programmed and activated by merely striking a desired switch. Device 10 when using these values decrease the discomfortness to the patient 20.

IN THE CLAIMS:

Please add new claims 89-134 as follows:

89. (New) A device for delivering a medium within a predetermined temperature range for temperature management of a user comprising:

a temperature control device having an inlet for receiving a medium and an outlet for directing the medium to a user, and

a bio-feedback device, wherein the bio-feedback device transmits the user's actual temperature to the temperature-control device and wherein the temperature-control device alters the temperature of the medium to a predetermined differential, the predetermined differential being limited by a maximum permitted differential throughout a range determined by the user's actual temperature.